

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	("5423235" "5979631" "6012560" "6585094" "6622838" "6685594").PN.	USPAT	OR	OFF	2009/09/24 16:36
L2	2	("20030019707" "20030066727").pn.	US-PGPUB	OR	OFF	2009/09/24 16:36
L3	8	L1 L2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L4	121	("4012968" "4238013" "4704921" "4762021" "4805486" "4883138" "4890510" "4895236" "5046595" "5070975" "5076112" "5087228" "5103642" "5119900" "5150637" "5158507" "5199325" "5271478" "5320586" "5323871" "5341893" "5358455" "5375687" "5398792" "5405293" "5462496" "5469950" "5584776" "5690002" "5749803" "5839328" "5845546" "5954173" "6109408" "6158561" "6413183" "6446772").PN. OR ("2003/0019707" "2003/0066727" "5423235" "5979631" "6012560" "6585094" "6622838" "6685594").URPN.	US-PGPUB; USPAT; EPO; JPO; USOCR	OR	OFF	2009/09/24 16:36
L5	121	L4 not L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L6	129	L3 L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36

L7	50	("3073424" "3650013" "3686739" "4231147" "4255839" "4690258" "4805486" "4895236" "4909776" "4976347" "5019021" "5042135" "5083986" "5092825" "5279401" "5295291" "5398792" "5423235" "5462496" "5562192" "5562417" "5713119" "5954173" "6012560" "6109408" "6158561" "6167997" "6349809" "6413183" "6446772" "6481541" "6484857" "6530460" "6564917" "6585094" "6622838" "6698562" "6709357" "7083030").PN. OR ("2003/0019707" "2003/0066727" "6585094" "6622838" "6698565" "7086980" "7210565" "7464626").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 16:36
L8	27	L7 not L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L9	156	L6 L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L10	54	kwoka-georg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L11	49	chludek-adrian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L12	4	bender-bernd.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L13	98	L10 or L11 or L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L14	98	L13 not L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L15	254	L9 L14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L16	201	"GKN Viscodrive".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36

L17	154	L16 not L15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L18	1863749	clutch or coupling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L19	6761463	housing or case or casing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L20	15090	sleeve WITH projection	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L21	103	L17 and L18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L22	66	L21 and L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L23	304	("sleeve-shaped" or (sleeve adj shape\$1)) WITH projection	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L24	320	L15 L22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L25	960029	L18 and L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L26	86	L25 and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L27	80	L26 not L24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L28	400	L24 L27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L29	1024	"GKN Automotive".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L30	5	L23 and L29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L31	400	L28 L30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L32	269	192/84.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L33	185	192/84.7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36

L34	48	L32 and L33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L35	38	L34 not L31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L36	438	L31 L35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L37	4605	"GKN".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L38	7	L23 and L37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L39	0	L38 not L36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L40	33	L20 and L37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L41	22	L40 not L36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L42	460	L36 L39 L41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L43	831	192/35.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L44	5	L20 and L43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L45	406	L32 or L33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L46	9	L20 and L45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L47	470	L42 L44 L46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L48	196	L32 not L47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L49	666	L47 L48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L50	217	192/70.23.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36

L51	3	L20 and L50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L52	667	L49 L51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L53	319290	"electric motor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L54	71	L33 and L53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L55	25	L54 not L52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L56	5028	ball WITH ramp	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36
L57	692	L52 L55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36
L58	856	L53 and L56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36
L59	59	L43 and L58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36
L60	21	L59 not L57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36
L61	713	L57 L60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36
L62	15	L50 and L58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36
L63	4	L62 not L61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36
L64	717	L61 L63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/24 16:36

L65	67	<p>("20010047919" "20020194941" "3073424" "3650013" "3686739" "4231147" "4255839" "4294340" "4690258" "4805486" "4885957" "4895236" "4899859" "4909776" "4950214" "4976347" "5019021" "5042135" "5080210" "5083986" "5092825" "5279401" "5295291" "5398792" "5423235" "5462496" "5464084" "5562192" "5562417" "5713119" "5890573" "5954173" "6003395" "6012560" "6109408" "6158561" "6167997" "6349809" "6413183" "6446772" "6481541" "6484857" "6530460" "6564917" "6578693" "6585094" "6622838" "6698562" "6709357" "6715375" "7083030").PN.</p> <p>OR ("2003/0019707" "2003/0066727" "2004/0134724" "2006/0245823" "2007/0080038" "2007/0272507" "6443282" "6585094" "6622838" "6698565" "6886679" "7086980" "7210565" "7464626").URPN.</p>	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 16:36
L66	11	L65 not L64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L67	583	192/93A.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L68	41	L58 and L67	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L69	728	L64 L66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L70	5	L68 not L69	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L71	733	L69 L70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36

L72	249	192/112.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L73	0	L20 and L72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L74	0	L58 and L72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L75	733	L71 L73 L74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L76	247	L72 not L75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L77	980	L75 L76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L78	3076	180/247-250.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L79	21	L20 and L78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L80	19	L79 not L77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L81	999	L77 L80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L82	62	L58 and L78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L83	22	L82 not L81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L84	1021	L81 L83	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L85	67	("20010047919" "20020194941" "3073424" "3650013" "3686739" "4231147" "4255839" "4294340" "4690258" "4805486" "4885957" "4895236" "4899859" "4909776" "4950214" "4976347" "5019021" "5042135" "5080210" "5083986" "5092825" "5279401" "5295291" "5398792" "5423235" "5462496" "5464084"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 16:36

		"5562192" "5562417" "5713119" "5890573" "5954173" "6003395" "6012560" "6109408" "6158561" "6167997" "6349809" "6413183" "6446772" "6481541" "6484857" "6530460" "6564917" "6578693" "6585094" "6622838" "6698562" "6709357" "6715375" "7083030").PN. OR ("2003/0019707" "2003/0066727" "2004/0134724" "2006/0245823" "2007/0080038" "2007/0272507" "6443282" "6585094" "6622838" "6698565" "6886679" "7086980" "7210565" "7464626").URPN.				
L86	0	L85 not L84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L87	1021	L84 L86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L88	1021	L87	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:36
L89	801116	@pd>= "20090512"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:37
L90	11	88 and 89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:38
L91	1021	88 90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/24 16:40
S1	6	("5423235" "5979631" "6012560" "6585094" "6622838" "6685594").PN.	USPAT	OR	OFF	2009/05/12 19:05
S2	2	("20030019707" "20030066727").pn.	US-PGPUB	OR	OFF	2009/05/12 19:08
S3	8	S1 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:08

S4	118	("4012968" "4238013" "4704921" "4762021" "4805486" "4883138" "4890510" "4895236" "5046595" "5070975" "5076112" "5087228" "5103642" "5119900" "5150637" "5158507" "5199325" "5271478" "5320586" "5323871" "5341893" "5358455" "5375687" "5398792" "5405293" "5462496" "5469950" "5584776" "5690002" "5749803" "5839328" "5845546" "5954173" "6109408" "6158561" "6413183" "6446772").PN. OR ("2003/0019707" "2003/0066727" "5423235" "5979631" "6012560" "6585094" "6622838" "6685594").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 19:10
S5	118	S4 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:10
S6	126	S3 S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:20
S7	48	("3073424" "3650013" "3686739" "4231147" "4255839" "4690258" "4805486" "4895236" "4909776" "4976347" "5019021" "5042135" "5083986" "5092825" "5279401" "5295291" "5398792" "5423235" "5462496" "5562192" "5562417" "5713119" "5954173" "6012560" "6109408" "6158561" "6167997" "6349809" "6413183" "6446772" "6481541" "6484857" "6530460" "6564917" "6585094" "6622838" "6698562" "6709357" "7083030").PN. OR ("2003/0019707" "2003/0066727" "6585094" "6622838" "6698565" "7086980" "7210565" "7464626").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 19:20

S8	26	S7 not S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:21
S9	152	S6 S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:22
S10	54	kwoka-georg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:23
S11	47	chludek-adrian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:23
S12	4	bender-bernd.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:23
S13	96	S10 or S11 or S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:24
S14	96	S13 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:24
S15	248	S9 S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:31
S16	201	"GKN Viscodrive".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:31
S17	154	S16 not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:31
S18	1815788	clutch or coupling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:32
S19	6592120	housing or case or casing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:32
S20	14855	sleeve WITH projection	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:32
S21	103	S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:32
S22	66	S21 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:32
S23	0	S22 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:32
S24	300	("sleeve-shaped" or (sleeve adj shape\$1)) WITH projection	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:34

S25	0	S22 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:34
S26	314	S15 S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:42
S27	931227	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:42
S28	3256	S27 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:42
S29	86	S27 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:43
S30	80	S29 not S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:43
S31	394	S26 S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:47
S32	1024	"GKN Automotive".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:47
S33	5	S24 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:48
S34	394	S31 S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 19:48
S35	267	192/84.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:17
S36	184	192/84.7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:17
S37	48	S35 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:17
S38	38	S37 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:17
S39	432	S34 S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:19
S40	4544	"GKN".as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:19
S41	7	S24 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:19

S42	0	S41 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:20
S43	29	S20 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:20
S44	20	S43 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:21
S45	452	S39 S42 S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:23
S46	829	192/35.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:24
S47	5	S20 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:24
S48	403	S35 or S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:24
S49	9	S20 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:24
S50	462	S45 S47 S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:26
S51	195	S35 not S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:26
S52	657	S50 S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:35
S53	217	192/70.23.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:35
S54	3	S20 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:35
S55	658	S52 S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:35
S56	311628	"electric motor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:36
S57	71	S36 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:36
S58	25	S57 not S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:36

S59	4936	ball WITH ramp	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:37
S60	683	S55 S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:38
S61	821	S56 and S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:38
S62	59	S46 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:38
S63	21	S62 not S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:39
S64	704	S60 S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:40
S65	15	S53 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:41
S66	4	S65 not S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:41
S67	708	S64 S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/12 20:41
S68	65	("20010047919" "20020194941" "3073424" "3650013" "3686739" "4231147" "4255839" "4294340" "4690258" "4805486" "4885957" "4895236" "4899859" "4909776" "4950214" "4976347" "5019021" "5042135" "5080210" "5083986" "5092825" "5279401" "5295291" "5398792" "5423235" "5462496" "5464084" "5562192" "5562417" "5713119" "5890573" "5954173" "6003395" "6012560" "6109408" "6158561" "6167997" "6349809" "6413183" "6446772" "6481541" "6484857" "6530460" "6564917" "6578693" "6585094" "6622838" "6698562" "6709357" "6715375" "7083030").PN. OR ("2003/0019707" "2003/0066727"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 20:42

		"2004/0134724" "2006/0245823" "2007/0080038" "2007/0272507" "6443282" "6585094" "6622838" "6698565" "6886679" "7086980" "7210565" "7464626").URPN.				
S69	11	S68 not S67	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:42
S70	579	192/93A.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:44
S71	41	S61 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:44
S72	719	S67 S69	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:44
S73	5	S71 not S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:44
S74	724	S72 S73	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:45
S75	247	192/112.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:45
S76	0	S20 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:45
S77	0	S61 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:46
S78	724	S74 S76 S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:46
S79	245	S75 not S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:46
S80	969	S78 S79	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:52
S81	3056	180/247-250.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:53
S82	21	S20 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:53
S83	19	S82 not S80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:53

S84	988	S80 S83	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:54
S85	61	S61 and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:55
S86	22	S85 not S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:55
S87	1010	S84 S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:56
S88	65	("20010047919" "20020194941" "3073424" "3650013" "3686739" "4231147" "4255839" "4294340" "4690258" "4805486" "4885957" "4895236" "4899859" "4909776" "4950214" "4976347" "5019021" "5042135" "5080210" "5083986" "5092825" "5279401" "5295291" "5398792" "5423235" "5462496" "5464084" "5562192" "5562417" "5713119" "5890573" "5954173" "6003395" "6012560" "6109408" "6158561" "6167997" "6349809" "6413183" "6446772" "6481541" "6484857" "6530460" "6564917" "6578693" "6585094" "6622838" "6698562" "6709357" "6715375" "7083030").PN. OR ("2003/0019707" "2003/0066727" "2004/0134724" "2006/0245823" "2007/0080038" "2007/0272507" "6443282" "6585094" "6622838" "6698565" "6886679" "7086980" "7210565" "7464626").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 20:56
S89	0	S88 not S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:56
S90	1010	S87 S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/12 20:57

9/24/09 5:10:22 PM

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